

Title (en)
Adhesive compositions.

Title (de)
Klebekompositionen.

Title (fr)
Compositions d'adhésif.

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Application
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Abstract (en)
Moisture curable adhesive compositions are described which comprise a minor amount of a tackifying resin, and a moisture curable polyurethane prepolymer having NCO groups available for reaction, and a monofunctional reactant present in amounts sufficient to react with up to 40 mole % of the isocyanate groups of the prepolymer. Preferred polyurethanes are based on polyesters from aliphatic dicarboxylic acids and diols together with aromatic diisocyanates for example MDI. The monofunctional reactant influences the extended ability of a chain extended layer of the adhesive to be activated by heat after comparatively long periods in combination with the achievement of good bond strengths. Preferred compositions are suitable for adhesive bonding of soles to shoes.

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• [Y] GB 1479987 A 19770713 - INTEROX CHEMICALS LTD
• [Y] FR 2303058 A1 19761001 - USM CORP [US]
• [A] US 3437622 A 19690408 - DAHL ROLF
• [A] DE 853483 C 19521023 - BAYER AG
• [A] DE 3230009 A1 19830324 - SCHWARZHEIDE SYNTHESWERK VEB [DD]

Cited by
US4846919A; EP0611146A3; DE19815700B4; EP0419928A3; US5100995A; DE3827224A1; DE3827224C2; DE3827224C3; EP0371370A1; WO9115530A1; EP2594396A1; DE102011086366A1

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